



Standard Specification Sheet Model: MS99-D6
Plug-in High Performance Arrester for Communication Line
(150V DC, 2MHz or less)

ARRESTANT

OVERVIEW

ARRESTANT is a series of high performance lightning arresters that protect electronic instruments by absorbing surge voltage induced by lightning. To protect the instruments effectively, arresters shall be installed adjacent to instrument to be protected against lines where surge voltage is induced.

MS99-D6 is designed to protect communication lines with voltage up to 150V and frequency up to 2MHz.

ORDERING INFORMATION

Ordering Code	Standard Price
MS99-D6	OPEN

SPECIFICATIONS

PERFORMANCE

Signal Bandwidth	DC~2MHz
Attenuation	1.0dB or less
Transmit Level	150V DC
Allowable Current Leakage	Between lines: 10 μ A or less (at 160V DC) Between ground: 5 μ A or less (at 160V DC)
Instrument Side Voltage Limit	Between lines: 10V or less (rush voltage) 2V or less (maximum value during operation) Between ground: 1200V or less (rush voltage) 20V or less (maximum value during operation)
Surge Discharge Withstand Capacity	4kA (at 8/20 μ s)
Series Resistance	0 Ω
Temperature	-10~60°C
Humidity	5~90%RH (no condensation)

PHYSICAL

Construction	2 sections construction of main body and terminal base: plug-in + screw fastening
Material	Black, flame resistance ABS resin (Case body) Black, flame resistance ABS resin (Terminal base)
Grounding	JIS Class 3 grounding [100 Ω or less] (with grounding bar)

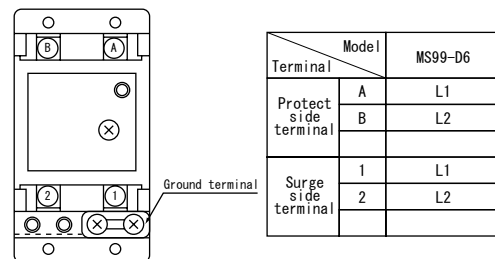
Mounting Method	Wall mounting with M4 screw
Connection Method	M4 screw terminal connection (fastening torque 1.2 N·m or less)
External Dimension	W47.5 × H100 × D55mm
Mounting Dimension	90mm
Multi-mounting Pitch	48mm
Weight	Approx. 220g

ADDITIONAL

Adaptor for DIN rail mounting (Specify at ① when ordering)	■ With an adaptor for DIN rail mounting /D
	■ Without an adaptor for DIN rail mounting Blank



TERMINAL ASSIGNMENT



BLOCK DIAGRAM

